



**Agenda Item 4: Assessment of operational requirements to determine the implementation of improvements in communications, navigation and surveillance (CNS) capabilities for operations in route and terminal area**

**Progress in the implementation of REDDIG II**

(Presented by the Secretariat)

SUMMARY	
This working paper presents information related with the status of the pending implementation activities detected during the process of provisional acceptance of the REDDIG II equipment's in each node of the REDDIG II as well as the performance of the PSAT network as of to date, and the status of implementation pf the REDDIG II interconnection with MEVA III.	
REFERENCES:	
Reports of the provisional and final acceptance tests of the (PSAT) ( <a href="http://www1.lima.icao.int/reddig">http://www1.lima.icao.int/reddig</a> )	
<b>ICAO strategic objectives:</b>	<i>A – Safety</i> <i>B – Air navigation capacity and efficiency</i>

**1 Background**

1.1 The operational installation of the REDDIG II by the consortium INEO & Level 3 began on 15 January 2015 and was completed on 31 January 2015. Initially, implementation was scheduled to be held in a period of five days but the company completed in 17 days.

1.2 Prior to the operational installation of the REDDIG II, INEO had proceeded with the physical installation of racks, equipment fixing in racks, wiring connections of the equipment in the racks, installation of breakers and AC connection of all the equipment. Basically, the physical installation was made at the level of indoor equipment's even in places where wiring installations and equipment in the outdoor part were made.

1.3 The operational installation of the REDDIG II was made through the following phases:

- ✓ Migration Preparation.
- ✓ Terrestrial network tests.
- ✓ Completing the installation of the outdoor part.
- ✓ Commissioning of the satellite network.
- ✓ Completion.

1.4 For the operational installation of REDDIG II nodes, INEO used a technical installer in each of the nodes. The focal points of the REDDIG II designated by the States as well as the additional

technicians in each node support the operational installation of the REDDIG II. Likewise, the administrator of the REDDIG in Manaus provided with all the necessary support to the INEO installer who was in charge of the operations from the Network Control Center in Manaus.

1.5 From 13 January 2014 to 5 February 2015, conference call have been taken via WEB every day except Sundays, with all the focal points of the REDDIG II to monitor the progress in the implementation of the REDDIG II and analyze together the activities planned during the provisional acceptance tests of the REDDIG II.

1.6 In addition to the installation of REDDIG II in the middle of March 2015 began the installation of the new network for the Caribbean and Central America MEVA III by the CONSOFT company. MEVA III REDDIG II interconnection node REDDIG II of Maiquetia and Bogota were also carried out by this company. The interconnection of the REDDIG II with MEVA III in Tegucigalpa Honduras was in charge of the administration of the REDDIG.

## 2 Analysis

2.1 In order to follow up on the activities of the REDDIG II implementation and operation, a description on the following items is shown hereunder:

- ✓ Provisional Acceptance Testing Process (PSAT)
- ✓ Operation of the REDDIG II post PSAT
- ✓ Spare parts of REDDIG II
- ✓ Implementation of the MEVA II REDDIG III interconnection
- ✓ Fourth Meeting on the Technical-Operational Implementation of the REDDIG II
- ✓ Whats Up Gold Course

### *Provisional Acceptance Testing Process (PSAT)*

2.2 For the provisional acceptance tests, the document PSAT – NAT - NT 2022-2141167C rev H was used. Once the tests were concluded, the focal points of the REDDIG II proceeded to sign the PSAT certificate from 31 January to 5 February 2015 with comments in each of the nodes.

2.3 The results of the PSAT tests in each of the nodes were registered by the focal points in the PSAT document (H version). In the web page [www1.lima.icao.int/reddig](http://www1.lima.icao.int/reddig) are published the PSAT documents completed by the focal points.

2.4 A summary with the pending list of activities during the PSAT in each of the nodes is presented in **Appendix A** to this working paper.

2.5 From the pending activities, common aspects to all nodes are highlighted as the lack of IP telephone service operation designed to support the control centers in managing the flow of Air Traffic Management (ATFM), false alarms and quality in the presentation of the Management System (NMS) of the REDDIG II, the quality of the AFTN messages, loss of packages above the quantity permitted by the terrestrial network LEVEL 3 and the update of the documents containing the circuit diagrams, result of the changes made during the node's installation of the REDDIG II.

2.6 Also in the REDDIG II nodes using E1 as Colombia, Ecuador and Peru, highlights the lack of functioning of the administrative switched voice services, in Colombia the oral ATS switched and

dedicated services between Colombia and Panama and the oral ATS switched between Colombia and CENAMER.

2.7 Problems also arose in the interconnection AMHS Peru-Colombia, Peru-Ecuador and Argentina-Paraguay as well as asynchronous connection and IP for the exchange of data between Argentina and Uruguay radar.

### ***Operation of the REDDIG II post PSAT***

2.8 The status of the pending activities as of the date of preparation of this working paper is presented in **Appendix B**. The information on the implementation progress of the outstanding activities of the Appendix has been filled out by INEO. The Q column of Appendix B contains comments from the States and from ICAO regarding the progress reported by INEO. According to the action plan for the settlement of the pending activities stated in Appendix B, all the pending activities would be completed by 10 April 2015. As of today, it has been fixed the IP addresses conflicts between the terrestrial and satellite network, the ATS oral circuit between Guayaquil and CENAMER and the AFTN circuit between Lima and Manaus as well as the AMHS interconnection between Peru-Colombia and Peru-Ecuador.

2.9 During the operational installation of the REDDIG II equipment, the MODEM 1070 team of the A chain of Lima and COCESNA, and the screen of the GPS clock of the Santiago's node did not work and had to be replaced by new equipment. To replace the MODEMS of Peru and COCESNA, equipment of the REDDIG II spares parts warehouse were used and the GPS clock was shipped from the factory to Chile. Once MODEM 1070 equipment is repaired they will be delivered to the ICAO SAM Office where the spare parts warehouse is located.

2.10 INEO, according to the contract signed between ICAO and the INEO consortium & LEVEL 3, has a time of 40 days to solve all the outstanding activities identified in the PSAT. As of the date of preparation of this working paper, the ORD time has finished, leaving most of the outstanding activities not completed.

2.11 For the final acceptance of the REDDIG II, the final acceptance of the FNAT tests are missing, which just like the PSAT tests, will be verified and signed by the focal points of the REDDIG II and by the Project Management (ICAO). Focal points should not sign the FNAT certificate if there are still outstanding aspects in the PSAT or later identified during the ORD period.

### ***Spare parts of REDDIG II***

2.12 To store the spare parts of the REDDIG II at the Regional Office, a special room was adapted, especially suited for storing spare parts with appropriate equipment to control moisture, with an anti-static floor and racks to place the equipment.

2.13 The list of the REDDIG II equipment can be found in the Detailed Scope of Supply Version F on the website [www1.lima.icao.int/reddig](http://www1.lima.icao.int/reddig). For the accommodation and classification of the spare parts in the special room at the Regional Office, Mr. Harry Peñaranda, Communication's Technician of the Civil Aviation Corporation of Peru was hired.

2.14 In the same room, we keep the spare parts of the REDDIG I equipment's. Regarding the spare parts of the REDDIG I as well as the equipment of the REDDIG I, the Eighteenth Coordination Committee of the REDDIG II (Lima, Peru 1 to 3 March 2015) formulated the Conclusion RCC/18 Provision of equipment and spare parts of the REDDIG I, so that the Secretariat can explore the feasibility of having the equipment and spare parts of the REDDIG I both for sale and other figures that could

manifest and report the results to start by the second half of 2015 to all Member States of the RLA/03/901.

2.15 In this regard, the Secretariat proceeds to send to all Member States of the REDDIG, the letter No. SA5112 dated 25 March 2015 concerning the intentions that their administrations have regarding equipment and spare parts of the REDDIG I and asking to respond back before 15 May 2015.

### **Interconnection MEVA III REDDIG II**

#### *Interconnection MEVA REDDIG Tegucigalpa Honduras*

2.16 The works of interconnection of REDDIG II with MEVA network in Tegucigalpa, Honduras were completed in mid-February 2015. Activities related with the installation were coordinated by the administration of the REDDIG and INEO.

2.17 The equipment installation for the REDDIG II MEVA network interconnection was made by a specialist from the Corporación Peruana de Aeropuertos y Aviación Comercial (CORPAC) in collaboration with COCESNA technical staff.

2.18 Interconnection works comprises the physical installation of an NDSatcom 1070 Satellite Modem and a Cisco Router 2901 in the MEVA Tegucigalpa node and the required adjustments with the REDDIG II and MEVA. Prior to the installation, INEO had proceeded to the router and MODEM programming.

2.19 Services corresponding to the interconnection in Honduras consist of two ATS oral circuits CENAMER with the ACC of Guayaquil and CENAMER with the ACC in Bogota. To date oral circuit ATS between CENAMER and Bogotá is pending.

2.20 For the interconnection between MEVA III node in Tegucigalpa (Honduras) with REDDIG II, the document of the ICAO RLA/09/901 project between ICAO (on behalf of all REDDIG II member States) and COCESNA for the service provision in the interconnection, was amended for an additional period of 5 years starting 1 April 2015.

#### *Interconnection MEVA III REDDIG II in Bogota and Maiquetía*

2.21 Works for the interconnection of the MEVA III with the REDDIG II nodes in Bogota and Maiquetia were made by the company responsible for the installation of the MEVA III, COMSOFT. The Interconnection jobs in Maiquetia were completed at the end of March 2015. Works in Bogota are pending in view of delays in Colombia in the customs clearance procedure.

2.22 The equipment used in the interconnection are: Skywan IDU 2570 Satellite Modem, NETPERFORMANCE SDM 9330 multiplexor and ProCurve 1810-24v2 SWITCH HP.

2.23 The services implemented in Maiquetia were three ATS oral circuits with San Juan Puerto Rico, Curacao and Aruba, three hot lines in the same locations and two asynchronous circuits for the AFTN circuit with Curaçao and Atlanta. To date all services are working except the AFTN circuit Maiquetia-Atlanta.

2.24 Once the interconnection is implemented in the node of Bogota, the following services will be available: 2 asynchronous AFTN circuits with Atlanta (Lima-Atlanta and Brazil-Atlanta) an

asynchronous AFTN circuit with Panama, three hot lines with Jamaica, Curaçao and Panama and 8 ATS switching circuits.

2.25 For the interconnection MEVA III REDDIG II in the REDDIG II nodes of Bogotá and Maiquetia a contract was issue and signed between ICAO (on behalf of all REDDIG II member States) and CONSOFT (Contract 2250128 signed on 14 de November 2014). The contract has a five-year period and services will start to cancel once in operation.

2.26 In order to coordinate the operation and maintenance of MEVA III REDDIG II interconnection as well as the analysis of new services to implement in a short and medium term, the first MEVAIII REDDIG II coordination meeting will be held the at Oranjestad, Aruba, on 25-26 May 2015. At this meeting whose convening letter was already circulated are invited all member States of MEVA III and REDDIG II.

#### **Fourth Meeting on the Technical-Operational Implementation of the REDDIG II**

2.27 As part of the training activities for REDDIG II States staff member that will be in charge of its operation and maintenance, it was held in Manaus, Brazil, from 20 to 21 April 2015 the Fourth Technical-Operational Meeting of the REDDIG II, attended by 21 technicians from eight REDDIG II member States.

2.28 The participants of the event had the opportunity to review the procedures for carrying out the tasks of maintenance and operation of the REDDIG II, the necessary coordination among the staff in charge of the maintenance in REDDIG II nodes and the Manager of the REDDIG, the procedure for the report of failures at the satellite network and terrestrial level, the procedure for sending and receiving parts to repair and repaired, the list of telephone numbers of the administrative voice network for the coordination of maintenance and operation and the new manual with maintenance procedures and operation of the REDDIGII.

#### **Whats Up Gold Course**

2.29 In order to deepen the knowledge on the management system of the new REDDIG II, it was held in Manaus, Brazil, from 21 to 24 April 2015 a course on the management of the application Whats Up Gold. The course was taught by a specialized Brazilian company called MENTAT.

### **3 Suggested action**

3.1 The Meeting is invited to:

- a) Take note of the information provided;
- b) review the activities described in Section 2 to this working paper and their corresponding appendixes and
- c) analyse any other aspect deemed necessary regarding this Agenda Item.

## APPENDIX A

## SUMMARY OF COMMENTS MADE BY THE FOCAL POINT DURING THE PSAT

STATE	NODE	PSAT DATE	COMMENTS
Argentina	Ezeiza	2/2/15	<ul style="list-style-type: none"> <li>• Pending to amend circuit diagrams</li> <li>• Poor quality on terrestrial IP telephony and satellite network</li> <li>• Pending BER tests AFTN circuits</li> <li>• False Alarms in serial ports CISCO IA</li> <li>• Low levels of transmission SKywan A and B</li> <li>• Emergency Number GBB dedicated router (Fig 46 communicates with Manaus with the number 73601 and not the number indicated in the table in Figure 46</li> <li>• Loss of packets in the terrestrial networks of Manaus, Recife, Guyana, Paraguay and Suriname.</li> <li>• Access to the website of LEVEL 3 for service management is not supplied</li> <li>• Two RJ45 connectors damaged Patch Panel</li> </ul>
Bolivia	La Paz	2/2/15	<ul style="list-style-type: none"> <li>• No comments</li> </ul>
Brazil	Curitiba	2/2/15	<ul style="list-style-type: none"> <li>• No comments</li> </ul>
	Manaus	5/2/15	<ul style="list-style-type: none"> <li>• Lima Manaus AFTN circuit does not work</li> <li>• Slope of circuit diagrams update</li> <li>• The loss of packets in the terrestrial network are above what specifies the SLA LEVEL 3</li> <li>• Testing in administrative circuits, switched ATS and AFTN made in one chain in terrestrial network</li> <li>• IP Teleconference does not work according to the technical specifications limited to 10 users</li> <li>• Image quality unimproved slope aspect from the FAT</li> <li>• Administrative Canal with Ecuador does not operate</li> <li>• Observation slope from the FAT: In case of failure of the central</li> </ul>

STATE	NODE	PSAT DATE	COMMENTS
			<p>server in Manaus NMS backup server Ezeiza should assume all functions of the central server with all the powers of monitoring and control over all seasons</p> <ul style="list-style-type: none"> <li>• Pending BER tests on AFTN channels</li> <li>• Pending SAT TEST LOOP VER</li> <li>• Testing pending ATS oral circuits, administrative AFTN in one strand of the satellite network</li> </ul>
	Recife	30/1/15	<ul style="list-style-type: none"> <li>• Loss of packets in the terrestrial network LEVEL 3 with all nodes</li> <li>• Pending BER tests AFTN</li> <li>• False alarm NMS (IBUC) and RX 1 + 1</li> </ul>
Chile	Santiago	1/2/15	<ul style="list-style-type: none"> <li>• Damaged Screen GPS Watch</li> <li>• NMS: refresh state changes very slowly</li> <li>• Image quality is not improved slope aspect from the FAT</li> <li>• IBUC WEB: The indication of voltage does not correspond to the actual value</li> <li>• Pending update diagrams</li> <li>• AFTN circuit with Lima inoperative</li> <li>• Pending BER test AFTN</li> </ul>
Colombia	Bogota	1/2/15	<ul style="list-style-type: none"> <li>• Oral ATS Circuit Bogota Panama does not work</li> <li>• AMHS circuit with Peru does not work</li> </ul>
Ecuador	Quito	1/2/15	<ul style="list-style-type: none"> <li>• Administrative Voice Circuits inoperative</li> <li>• Loss of packets in the terrestrial network Level 3 with Manaus, Recife, Guyana and Uruguay</li> <li>• Pending BER AFTN tests</li> <li>• Test Tx switch (7.1.1) failed</li> <li>• VoIP teleconference poor quality</li> <li>• False alarm operation of the serial interfaces and E1</li> <li>• Pending voice circuit test between Guayaquil and CENAMER</li> </ul>
French Guyana	Cayenne	2/2/15 pending INEO signature	<ul style="list-style-type: none"> <li>• The power connector on the IP phone does not work</li> <li>• Incorrect diagrams of circuits (WVG)</li> </ul>

STATE	NODE	PSAT DATE	COMMENTS
			<ul style="list-style-type: none"> <li>• Difficulty reading the IP address of WVG</li> <li>• Error in the LAN interface does not work</li> <li>• Modem B is not going green when turned on</li> <li>• Rear problem with AFTN circuit Manaus</li> </ul>
Guyana	Georgetown	5/2/15 pending INEO signature	<ul style="list-style-type: none"> <li>• No indication of status on one of the switches in the MAP VIEW</li> <li>• You cannot make setting in voice interfaces</li> </ul>
Paraguay	Asuncion	2/2/15	<ul style="list-style-type: none"> <li>• Audible alarm UPS in battery mode, almost inaudible</li> <li>• Do not have the antivirus that is specified in Document SDD REDDIG II Scope of Supply Rev. F</li> <li>• The breaker Q5 presents a false contact so they must be changed</li> <li>• Administrative line IP was not configured</li> <li>• The graphical representation of the computers on the nodes in the NMS has not been improved, as had been observed in the FAT</li> <li>• When testing redundancy Chapter 7 Pag. 70/125 of the PSAT, the IBUCs not indicate faults and do not switch automatically</li> <li>• The serial port 0/0/0 of GBB router has a fault where lost packets at reception, so Card 2-Port Async / Sync Serial WAN Interface Card must be replaced</li> <li>• Pending updating circuit diagrams</li> <li>• Loss of packets in the terrestrial network LEVEL 3 with Bolivia, Recife (very high), Colombia, French Guiana, Guyana and Uruguay</li> </ul>
Peru	Lima	3/2/15	<ul style="list-style-type: none"> <li>• AFTN circuit with inoperative Manaus and Santiago</li> <li>• Chain MODEM inoperative 1070</li> <li>• The graphical representation of the computers on the nodes in the NMS has not been improved, as it was observed in the FAT</li> </ul>



STATE	NODE	PSAT DATE	COMMENTS
			<ul style="list-style-type: none"> <li>• Pending updating circuit diagrams</li> <li>• Loss of packets in the terrestrial network Level 3 with Manaus, Argentina, Colombia, Guyana and Venezuela</li> <li>• ATS number d does not match</li> <li>• Test of satellite chain A not performed due to failure in chain A MODEM</li> <li>• Pending BER Test</li> <li>• Pending testing equipment failures (Section 7.3)</li> <li>• Errors dial plan administrative circuits</li> <li>• Unsatisfactory quality IP voice teleconference</li> </ul>
Suriname	Paramaribo		<ul style="list-style-type: none"> <li>• Loss of packets in the terrestrial network Level 3 with Argentina, Manaus, Recife (very high), Chile, Colombia, Ecuador, Guyana and Uruguay</li> <li>• Pending BER tests</li> <li>• IP Teleconference only with ten users</li> </ul>
Trinidad & Tobago	Piarco	4 /2/15 pending INEO signature	<ul style="list-style-type: none"> <li>• NMS: refresh state changes very slowly</li> <li>• Image quality unimproved slope aspect from the FAT</li> <li>• IP Teleconference only works with 11 users does not comply with the technical specifications of the REDDIG</li> <li>• No automatic switching on IBUC in case of failure only when power is switched off</li> <li>• Loss of packets in the terrestrial network LEVEL 3 Curitiba and Ecuador.</li> </ul>
Uruguay	Montevideo	2/2/15	<ul style="list-style-type: none"> <li>• Pending renovation plans with circuit diagrams</li> <li>• Unit 1070 B chain does not turn green light even when operating well</li> <li>• Pending change Feed Horn</li> <li>• NMS: refresh state changes very slowly</li> <li>• Image quality is not improved slope aspect from the FAT</li> </ul>

STATE	NODE	PSAT DATE	COMMENTS
			<ul style="list-style-type: none"> <li>• Foul install antivirus in the NMS</li> <li>• The NMS has incorrect information</li> <li>• Pending BER tests</li> <li>• The supplied software for VPN remote version is not according to the manual shipped for installation can not be installed as suggested by INEO.</li> <li>• Loss of packets in the terrestrial network LEVEL 3 with Bolivia, French Guyana, Suriname, Trinidad &amp; Tobago and Venezuela</li> </ul>
Venezuela	Maiquetía	31/1/2015	<ul style="list-style-type: none"> <li>• The automatic switching is observed in the RSS</li> </ul>

-END -

## **APPENDIX B**

### **REDDIG-II**

#### **Pending Issues**

## APÉNDICE B / APPENDIX B

REDDIG-II - Pending issues															
Item Number	STATUS	TYPE O/M	CRITICITY	Country	Node	City		Outstanding issues	Opening date	Action(s) to be performed	COMMENTS	Current update	Expecting closing date	Real closing date	ICAOand States commentaries 23 april 2015
P4SAEZ02051	CLOSED	P	4	Argentina	SAEZ	Ezeiza	1	Falta enmendar diagramas circuitales	5 February 2015	As-built under realization		27/03/2015 includes finalization of drawings by AIA, after 27/03/2015 P&ID documents achieved, to be signed on Monday 30th March 2015 Proof of delivery to the end user at your disposal	16th-March-2015 20th-March-2015	20/04/2015	Not closed Documents and CD received Pending completion of revision by States 15th May
P3SAEZ02052	ON PROGRESS	P	3	Argentina	SAEZ	Ezeiza	2	Calidad telefonía IP pésima red terrestre y satelital	5 February 2015	1/ Diagnostic of the current configuration 2/ New configuration to be proposed after analysis 3/ Configuration implemented, to be tested (12/03)		05/03/2015 => diagnostic still on progress 13/03/2015 => modem configuration changed, test pending. 27/03/2015 => tests achieved with Manaus unsuccessful	4th-March-2015 20th-March-2015 4th-April-2015 24th April 2015		Noted the new date 24th April
P4SAEZ02053	ON PROGRESS	P	4	Argentina	SAEZ	Ezeiza	3	Pendiente pruebas BER circuitos AFTN	5 February 2015	During the PSAT, it appears that this test was not the priority. Now, it's difficult to perform it because it means that States will have to cut the services. If requested by ICAO, it could be done during the ORD period with the local FP and INEO coordination		27/11/15 => Procedure for BER test targeted Marsh 02th => expected coordination from ICAO-Lima and FP to proceed 06/03/15 => waiting for a new diagnostic after Lima analysis 12/03/2015 => AFTN test conducted between SAEZ and SUMU and then will be spread 27/03: new tested to be conducted at SUMU and SAEZ. In addition to that, hardware was bought by INEO to perform tests at INEO facility 10/04/2015 => INEO engineer sent at Guayaquil for network-wide test.	4th-March-2015 20th-March-2015 4th-April-2015 24th April 2015		Noted the new date 24th April
P4SAEZ02054	solution identified	P	3	Argentina	SAEZ	Ezeiza	4	Falsas alarmas en los puertos seriales del CISCO IA	5 February 2015	1/ Diagnostic of the current configuration of the NMS 2/ New version of the NMS	NMS works in progress	05/03/15 => Problem identified => Implementation of the solution in progress 27/03/2015: tests achieved appears to be a communication instability between NMS and routers, as SSH connection is very sensitive	4th-March-2015 20th-March-2015 4th-April-2015 24th April 2015		Noted the new date 24th April
P2SAEZ02055	ON PROGRESS	P	2	Argentina	SAEZ	Ezeiza	5	Niveles de transmisión bajos Skywan A y B	5 February 2015	1/ Remote diagnostic 2/ Remote intervention by INEO Expert		17/03/2015 => INEO technician will go to SAEZ to check hardware 27/03/2015 => INEO technician checked cables and WG, an antenna pointing will be achieved. 10/04/2015 => INEO technician mission is being scheduled for antenna pointing check.	4th-March-2015 20th-March-2015 4th-April-2015 24th-April-2015 08th May 2015		Some action was made but the RF level still low. Noted new date 8th May
P3SAEZ02056	CLOSED	P	3	Argentina	SAEZ	Ezeiza	6	Numero de emergencia dedicado GBB router (Fig 46. se comunica con Manaos con el numero 73601 y no con el numero indicado en la tabla de la figura 46	5 February 2015	To be corrected		27/03/2015 => targeted 04/03/2015 06/03/2015 => email send to clarify	4th March 2015	04/03/2015	Not Closed During the test of 01 April, employing the GBB router, there was no communication with SBMN

REDDIG-II - Pending issues															
Item Number	STATUS	TYPE O/M	CRITICITY	Country	Node	City		Outstanding issues	Opening date	Action(s) to be performed	COMMENTS	Current update	Expecting closing date	Real closing date	ICAOand States commentaries 23 april 2015
P2SAEZ02057	Closed	P	2	Argentina	SAEZ	Ezeiza	7	Perdida de paquetes en la red terrestre Manaus, Recife, Guyana, Paraguay y Surinam.	5 February 2015	Information transmitted to level 3 -> Waiting for the solution proposed and the ECD (Expecting Closing Date)		25/02/2015 => New request transmitted to Level 3 05/03/2015 => individual tests to be performed 27/03/2015 => tests conducted by LE were succesful, except French Guiana. Procedure sent on 27th of March for individual tests.	10th April 2015	LEVEL 3	Not closed On 01 April the test result was OK for Ezeiza except French Guyana, Suriname and Trinidad & Tobago
P3SAEZ02058	Closed	P	3	Argentina	SAEZ	Ezeiza	8	No se suministra el acceso a la página WEB de LEVEL 3 para la gestión de servicio	5 February 2015	Information transmitted to level 3 -> Waiting for the solution proposed and the ECD (Expecting Closing Date)				LEVEL 3	OK The user name and password to acces LEVEL was sent March 27th
P4SAEZ02059	closed	P	4	Argentina	SAEZ	Ezeiza	9	Dos conectores RJ45 del Patch Panel dañados	5 February 2015	To be corrected - New connectors will be sent to FP		05/03/2015 => Connectors sent to FP on 27/03/2015 => Waiting for confirmation of receipt 08/04/2015 => Delivery cancelled due to AFIP restrictions (cf. mail Javier Vittor 08/04/2015)		08/04/2015	OK
P2SAEZ022410	ON PROGRESS	P	2	Argentina	SAEZ	Ezeiza	10	Continue intermittent problem in the AFTN circuit between Argentina and Brazil, Uruguay and Paraguay. Controllers report lost of flight plan	25 February 2015	Under analysis		27/11/15 => Procedure for BER test targetted Marsh 02th => expected coordination from ICAO-Lima and FP to proceed 06/03/2015 => waiting for a new diagnostic after Lima analysis 12/03/2015 => AFTN test conducted between SAEZ and SUMU and then will be spread 27/03/2015 => new tested to be conducted at SUMU and SAEZ. In addition to that, hardware was bought by INEO to perform tests at INEO facility 10/04: INEO engineer sent at Guayaquil for network-wide test.	4th-March-2015 26th-March-2015 4th-April-2015 24th April 2015		Noted the new date 24th April
-							11	AMHS circuit between Ezeiza and Asunción	5 February 2015						Pending issue not solved
O1SLLP17021	closed	O	1	Bolivia	SLLP	La Paz	1	Communication problem with Manaus according to the email from ICAO (17th Feb.)	17 February 2015	OSPF Pb under analysis -> Looking for a technical solution to be implemented	diagnostic on course after identification of the problem on the routing table with Level 3 expected resolution for 25/02	25/02/2015 => New configuration will be tested by Level 3 at 01h00 on 26th Feb. -> OSPF reconfiguration made by our class expert (COB) confirmed 22/02/2015 => New configuration implemented, solution monitoring under validation 05/03/2015 => Improvement of the routing observed but still to be confirmed 12/03/2015: communication test achieved with SOCA, pending test with SLLP	06-March-2015 Test to be performed on 06th March 2015 test performed successfully		OK

REDDIG-II - Pending issues															
Item Number	STATUS	TYPE O/M	CRITICITY	Country	Node	City		Outstanding issues	Opening date	Action(s) to be performed	COMMENTS	Current update	Expecting closing date	Real closing date	ICAOand States commentaries 23 april 2015
P2SBMN02051	solution identified	P	2	Brazil	SBMN	Manaus	1	Circuito AFTN Manaus Lima no funciona	5 February 2015	1/ Check of the Cisco configuration 2/ Local check-up with one of our expert (on-site) in Lima As soon as we have define where exactly is the problem, INEO E&S will correct the bugg.	Problem identified	25/02/2015 => Test must be conducted in cooperation with Manaus AFTN center and REDDIG-II technical persons, waiting for their availability. 05/03/2015 => Problem solved, distrubings still appear but were already identified in Reddig I 10/04/2015 => INEO engineer sent at Guayaquil for network-wide test. Improvement was noticed by Corpac	10th-March-2015 20th-March-2015 10th-April-2015 24th April 2015		Solved but not closed pending intermittent loss of AFTN messages
P4SBMN02052	CLOSED	P	4	Brazil	SBMN	Manaus	2	Pendiente actualización diagramas circuitales	5 February 2015	As-built under realization		Closing date includes finalization of drawings for ALL sites 27/03 documents achieved to be signed on Monday 30th March 2015 Proof of delivery to the end user at your disposal	10th-March-2015 20th-March-2015	20/04/2015	Not closed Documents and CD received ; Pending completion of revision by States 15th May
P3SBMN02053	Closed	P	3	Brazil	SBMN	Manaus	3	La perdida de paquetes en la red terrestre están por encima de lo que especifica el SLA de LEVEL 3	5 February 2015	Information transmitted to level 3 -> Waiting for the solution proposed and the ECD (Expecting Closing Date)		26/02/2015 => New network implemented in level 3 08/03/2015 => Technical tests were performed 27/03: tests conducted by LE were successful, except French Guiana. Procedure sent on 27th of March for individual tests.	10th April 2015	LEVEL 3	Not closed On 01 April the test result was OK for Manaus except French Guyana, Suriname and Trinidad & Tobago
P3SBMN02054	CLOSED	P	3	Brazil	SBMN	Manaus	4	Pruebas en los circuitos administrativos, conmutados ATS y AFTN realizados en una sola cadena en la red terrestre	5 February 2015	During the PSAT, it appears that this test was already performed. It could be easily checked, and upon request by ICAO, it could be done during the ORD period with the local FP and INEO remote coordination		27/02/2015 => INEO technician will conduct the test on site on 26/03/15 05/03/15 => Test done with success	23th-February-2015	05/03/2015	OK closed
P4SBMN02055	solution identified	P	4	Brazil	SBMN	Manaus	5	Teleconferencia IP no trabaja de acuerdo a las especificaciones técnicas limitada a 10 usuarios	5 February 2015	1/ Diagnostic of the current licence 2/ New 16 users licences to be provided after analysis		05/03 : Hardware limitation found, solution to be provided. Will be codec change or hardware addition	10th-March-2015 20th-March-2015 10th-April-2015 24th April 2015		Still pending issue the IP telephone is general problem the new date now is 24th April
P4SBMN02056	CLOSED	P	4	Brazil	SBMN	Manaus	6	Calidad de la imagen no mejorada aspecto pendiente desde la FAT	5 February 2015	1/ Diagnostic of the current configuration of the NMS 2/ New version of the NMS	NMS works in progress	05/03/15 => Problem identified => Implementation of the solution in progress 12/03 => new NMS aspect approved by OACI (L.Alejos email of 12/03), to be deployed in all site	20th-February-2015 10th-March-2015 20th-March-2015 10th-April-2015 24th April 2015		OK in progress noted new date 24th April
P3SBMN02057	CLOSED	P	3	Brazil	SBMN	Manaus	7	Canal administrativo con Ecuador no opera	5 February 2015	1/ Analysis of the Cisco Configuration 2/ Correction to be proposed	To be solved from Ecuador side	05/03/2015 => New configuration done in Ecuador pending tests 05/03/2015 => test achieved still not operational 27/03/2015 => ICAO expert will conduct the test on 27th April 2015 10/04/2015 => INEO engineer sent at Guayaquil	10th-March-2015 20th-March-2015 10th-April-2015 24th April 2015	20/04/2015	OK

REDDIG-II - Pending issues															
Item Number	STATUS	TYPE O/M	CRITICITY	Country	Node	City		Outstanding issues	Opening date	Action(s) to be performed	COMMENTS	Current update	Expecting closing date	Real closing date	ICAO and States commentaries 23 april 2015
P3SBMN02058	CLOSED	P	3	Brazil	SBMN	Manaus	8	Observación pendiente desde la FAT. En caso de falla del servidor central del NMS en Manaus el servidor de reserva de Ezeiza debería asumir todas las funciones del servidor central con todas las atribuciones de monitoreo y control sobre todas las estaciones	5 February 2015	1/ Diagnostic of the current configuration of the NMS 2/ New version of the NMS	NMS works in progress	27/02/15 => Problem identified => Solution will be implemented 04/03/15 04/03/15 => solution implemented 06/03/15 => solution implemented 20/04/2015 => Complementary tests to be done by ICAO to confirm the pb is solved	06th-March-2015 20th-March-2015		Solved but not closed missing the respective test to verify if the transference are working properly
P4SBMN02059	ON PROGRESS	P	4	Brazil	SBMN	Manaus	9	Falta pruebas BER en canales AFTN	5 February 2015	During the PSAT, it appears that this test was not the priority. Now, it's difficult to perform it because it means that States will have to cut the services. If requested by ICAO, it could be done during the ORD period with the local FP and INEO coordination		27/11/15 => Procedure for BER test targeted Marsh 02th => expected coordination from ICAO- Lima and FP to proceed 06/03/15 => waiting for a new diagnostic after Lima analysis 12/03/2015: AFTN test conducted between SAEZ and SUMU and then will be spread 27/03/2015 => new tested to be conducted at SUMU and SAEZ. In addition to that, hardware was bought by INEO to perform tests at INEO facility 10/04/2015 => INEO engineer sent at Guayaquil for network-wide tes	40th-March-2015 20th-March-2015 40th-April-2015 24th April 2015		Pending BER Test. Noted new date 24 April
P4SBMN020510	solution identified	P	4	Brazil	SBMN	Manaus	10	Falta pruebas SAT LOOP BER TEST	5 February 2015	During the PSAT, it appears that this test was not the priority. Now, it's difficult to perform it because it means that States will have to cut the services. If requested by ICAO, it could be done during the ORD period with the local FP and INEO coordination		27/02/2015 => INEO technician will conduct the test on site, on 30/03/15 06/03/15 => As talked during teleconference, the test requires to shutdown the whole satellite network. Need to confirm and coordinate it. 12/03/2015: procedure sent, pending on test to be coordinated by ICAO	40th-March-2015 20th-March-2015 40th-April-2015 24th April 2015		Even though you send a procedure the SAT BER LOOP TEST has to be made in all the node under your coordination
P4SBMN02011	CLOSED	P	4	Brazil	SBMN	Manaus	11	Pruebas pendiente en circuitos orales ATS , administrativos AFTN en una de las cadenas de la red satelital	5 February 2015	During the PSAT, it appears that this test was already performed. It could be easily checked, and upon request by ICAO, it could be done during the ORD period with the local FP and INEO remote coordination		27/02/2015 => INEO technician will conduct the test on site 06/03/2015 => Waiting for Result report	06th-March-2015 10th March 2015	10/03/2015	OK solved
P1SBRF05021	Closed	P	2	Brazil	SBRF	Recife	1	Perdida de paquetes en la red terrestre LEVEL 3 con todos los nodos	5 February 2015	Information transmitted to level 3 -> Waiting for the solution proposed and the ECD (Expecting Closing Date)		28/02/2015 => New request communicated to level 3 06/03/2015 => individual tests were performed 27/03: tests conducted by LEVEL 3 were succesful, except French Guiana. Procedure sent on 27th of March for individual tests.	10th April 2015	LEVEL 3	Not closed On 01 April the test result was OK for Recife except French Guyana, Suriname and Trinidad & Tobago

REDDIG-II - Pending issues														
Item Number	STATUS	TYPE O/M	CRITICITY	Country	Node	City	Outstanding issues	Opening date	Action(s) to be performed	COMMENTS	Current update	Expecting closing date	Real closing date	ICAQand States commentaries 23 april 2015
P4SBRF05022	ON PROGRESS	P	4	Brazil	SBRF	Recife	2 Pendiente pruebas BER AFTN	5 February 2015	During the PSAT, it appears that this test was not the priority. Now, it's difficult to perform it because it means that States will have to cut the services. If requested by ICAO, it could be done during the ORD period with the local FP and INEO coordination		27/11/15 => Procedure for BER test targetted Marsh 02th => expected coordination from ICAO- Lima and FP to proceed 06/03/15 => waiting for a new diagnostic after Lima analysis 12/03/2015: AFTN test conducted between SAEZ and SUMU and then will be spread 27/03/2015 => new tested to be conducted at SUMU and SAEZ. In addition to that, hardware was bought by INEO to perform tests at INEO facility 10/04/2015 => INEO engineer sent at Guayaquil for network-wide tes	4th-March-2015 20th-March-2015 4th-April-2015 24th April 2015		Pending BER Test. Noted the new date 24th April
P3SBRF05023	ON PROGRESS	P	3	Brazil	SBRF	Recife	3 Falsa alarma NMS (IBUC) y RX 1 + 1	5 February 2015	1/ Diagnostic of the current configuration of the NMS 2/ New version of the NMS	NMS works in progress	05/03/2015 => Problem identified => Implementation of the solution in progress, to be achieved on 09/03/15 23/03/2015 => new NMS problem identified: graphical issue on representation 10/04/2015 => INEO technician mission scheduled.	4th-March-2015 20th-March-2015 4th-April-2015 24th April 2015		Noted the new date of 24th April
x				Brazil	SBCT	Curitiba	1 Switching of LNB does not work							Pending issue This failure appeared during initial installation
P3SCEL05021	CLOSED	P	3	Chile	SCEL	Santiago	1 Dañada pantalla del reloj GPS	5 February 2015	New equipment received in INEO Premises. Will be sent to the site asap		27/03/2015 => coordination with FP for delivery of equipment 04/04/2015 => New equipment sent to site for installation and debugging 06/04/2015 => equipment delivered to site 20/04/2015 => equipment received, installed and correctly working (recovery of faulty equip to be organize by INEO)	4th-March-2015 20th-March-2015 4th-April-2015 24th April 2015	20/04/2015	OK Closed Chile is in the process to send back the damaged equipment
P3SCEL05022	CLOSED	P	3	Chile	SCEL	Santiago	2 NMS: refresco cambios de estados muy lento	5 February 2015	1/ Diagnostic of the current configuration of the NMS 2/ New version of the NMS	NMS works in progress	05/03/2015 => NMS II report NMS II report correct status. For the status NMS II is not possible to improve it due to obsolete code	4th-March-2015 20th-March-2015 4th-April-2015 24th April 2015	06/03/2015	Not closed Still low the refresh status
P3SCEL05023	CLOSED	P	3	Chile	SCEL	Santiago	3 Calidad de la imagen no mejorada aspecto pendiente desde la FAT	5 February 2015	1/ Diagnostic of the current configuration of the NMS 2/ New version of the NMS	NMS works in progress	05/03/2015 => Problem identified => Implementation of the solution in progress 12/03/2015 => new NMS problem identified by ICAO. U-Rance email of 12/03/15 to be resolved in all sites	4th-March-2015 20th-March-2015 4th-April-2015 24th April 2015	17/03/2015	OK
P3SCEL05024	CLOSED	P	3	Chile	SCEL	Santiago	4 WEB IBUC : La indicación de voltaje no corresponde al valor real	5 February 2015	1/ Diagnostic of the current configuration of the NMS 2/ New version of the NMS	NMS works in progress	05/03/2015 => Problem identified => Implementation of the solution in progress, to be achieved on 09/03/15	4th-March-2015 20th-March-2015 4th-April-2015 24th April 2015		Not closed Chile reported that the problem was not solved



REDDIG-II - Pending issues															
Item Number	STATUS	TYPE O/M	CRITICITY	Country	Node	City		Outstanding issues	Opening date	Action(s) to be performed	COMMENTS	Current update	Expecting closing date	Real closing date	ICAOand States commentaries 23 april 2015
P4SCEL05025	CLOSED	P	4	Chile	SCEL	Santiago	5	Pendiente actualización de los diagramas	5 February 2015	As-built under realization		Closing date includes finalization of drawings for ALL sites 27/03/2015 documents delivered to the shipper on Monday 30th March 2015  Proof of delivery to the end user at your disposal	<a href="#">10th-March-2015</a> <a href="#">20th-March-2015</a>	20/04/2015	Not closed Documents and CD received Pending completion of revision by States 15th May
P1SCEL05026	CLOSED	P	1	Chile	SCEL	Santiago	6	Circuito AFTN con Lima no operativo	5 February 2015	1/ Check of the Cisco configuration 2/ Local check-up with one of our expert As soon as we have define where exactly is the problem, INEO E&S will correct the bug.	requested to FP to check cabling and RJ45 adaptor potential problem	27/11/15 => Procedure for BER test targeted Marsh 02th => expected coordination from ICAO- Lima and FP to proceed 06/03/15 => waiting for a new diagnostic after Lima analysis 12/03/2015 => AFTN test conducted between SAEZ and SUMU and then will be spread 27/03/2015 => INEO engineer sent to be conducted at SUMU and SAEZ. In addition to that, hardware was bought by INEO to perform tests at INEO facility 10/04/2015 => INEO engineer sent at Guayaquil for network-wide test  20/04/2015 solved as per email 15/04: Estimado Clement, Te informo que la AFTN con Lima esta ok, durante dos horas no han pedido repeticiones.	<a href="#">10th-March-2015</a> <a href="#">20th-March-2015</a> <a href="#">20th-March-2015</a> 24th April 2015	20/04/2015	Not closed. Pending the intermittent problem of loss of AFTN messages as per email 21/04: Respecto a la AFTN tanto de LIMA y Ezeiza, disminuyeron las solicitudes de repeticiones de retransmisión, pero se tiene un promedio de 3 a 4 repeticiones por hora en ambos circuitos.
P4SCEL05027	ON PROGRESS	P	4	Chile	SCEL	Santiago	7	Pendiente prueba BER AFTN	5 February 2015	During the PSAT, it appears that this test was not the priority. Now, it's difficult to perform it because it means that States will have to cut the services. If requested by ICAO, it could be done during the ORD period with the local FP and INEO coordination		27/11/15 => Procedure for BER test targeted Marsh 02th => expected coordination from ICAO- Lima and FP to proceed 06/03/15 => waiting for a new diagnostic after Lima analysis 12/03/2015 => AFTN test conducted between SAEZ and SUMU and then will be spread 27/03/2015 => new tested to be conducted at SUMU and SAEZ. In addition to that, hardware was bought by INEO to perform tests at INEO facility 10/04/2015 => INEO engineer sent at Guayaquil for network-wide test	<a href="#">10th-March-2015</a> <a href="#">20th-March-2015</a> <a href="#">20th-March-2015</a> 24th April 2015		Still pending the BER test. Noted the new date 24th April

REDDIG-II - Pending issues															
Item Number	STATUS	TYPE O/M	CRITICITY	Country	Node	City		Outstanding issues	Opening date	Action(s) to be performed	COMMENTS	Current update	Expecting closing date	Real closing date	ICAOand States commentaries 23 april 2015
P1SCEK05021	solution identified	P	1	Colombia	SKED	Bogota	1	Circuito oral ATS Bogota Panamá no funciona	5 February 2015	1/ Analysis of the current configuration 2/ Expert to come on site to finalise the analysis and correct the problem	on site diagnostic to be conducted 21/02	25/02/2015 => INEO expert on investigation on site in coordination with FP and PABX local provider => Close cooperation with those persons is expected to address the problem properly 27/02/2015 => Information on PBX received from provider, New configuration implemented by 02/03/2015 05/03/15 => still on progress with active collaboration of all members concerned 12/03/2015 => test today with E1 R2 and no longer E1 E&M 16/03/2015 => configuration changed to E1R2 still the same issue 27/03/2015 => A Cisco expert will assist us for the test on April 3rd 10/04/2015 => MEVA III is being installed at Bogota. Configuration files are required.	4th-March-2015 20th-March-2015 10th April 2015		Even though numerous action made the circuit still out of service.
P1SCEK05022	CLOSED	P	1	Colombia	SKED	Bogota	2	Circuito AMHS con Peru no funciona	5 February 2015	1/ Local diagnostic with our expert (on-site) in Lima 2/ Solutions to be implemented after diagnostic	Resolution pending of the item P2SBMN02051	20/03/2015 => Control of IP address was detected between AMHS system and REDDIG-II configuration => Member states must be responsible for the NAT translation between the two systems => Escalating action from IC/AC 16/04/2015 => Status & configuration update sent to CORPAC for consideration 20/04/2015 => configuration working, operational, circuit is up and trouble has been resolved 20/04/2015 ping => AMHS is working (see email from CORPAC 20/04)	16th-February-2015 23rd-February-2015	20/04/2015	OK. Circuit under evaluation by the respective AMHS Messages Centers
-				Colombia	SKED	Bogota	3	Administrative voice circuits are not separated from Operational group inside the router.							Pending issue
P2SEGU05021	closed	P	2	Ecuador	SEGU	Guayaquil	1	Circuitos de voz administrativos no operativos	5 February 2015	1/ Analysis of the current configuration 2/ Expert to come on site to finalise the analysis and correct the problem	Analysis in progress	12/03/2015 => configuration sent to be reviewed and tested 15/03 => configuration did not solve the issue, it involved communication with local provider 27/03 A Cisco expert will assist us for the test on April 3rd	16th-March-2015 20th-March-2015 10th April 2015		OK
P2SEGU05022	Closed	P	2	Ecuador	SEGU	Guayaquil	2	Perdida de paquetes red terrestre Level 3 con Manaos, Recife Guyana Uruguay	5 February 2015	Information transmitted to level 3 => Waiting for the solution proposed and the ECD (Expecting Closing Date)		25/02/2015 New request transmitted to level 3 26/02/2015 => individual tests in the network 27/03/2015 => tests conducted by LE were successful, except French Guiana. Procedure sent on 27th of March for individual tests.	10th April 2015	LEVEL 3	Not closed On 01 April the test result was OK for Guayaquil except French Guyana, Suriname and Trinidad & Tobago

REDDIG-II - Pending issues															
Item Number	STATUS	TYPE O/M	CRITICITY	Country	Node	City		Outstanding issues	Opening date	Action(s) to be performed	COMMENTS	Current update	Expecting closing date	Real closing date	ICAOand States commentaries 23 april 2015
P4SEGU05023	ON PROGRESS	P	4	Ecuador	SEGU	Guayaquil	3	Pruebas BER AFTN pendientes	5 February 2015	During the PSAT, it appears that this test was not the priority. Now, it's difficult to perform it because it means that States will have to cut the services. If requested by ICAO, it could be done during the ORD period with the local FP and INEO coordination		27/11/15 => Procedure for BER test targetted Marsh 02th => expected coordination from ICAO- Lima and FP to proceed 06/03/15 => waiting for a new diagnostic after Lima analysis 12/03/2015: AFTN test conducted between SAEZ and SUMU and then will be spread 27/03: new tested to be conducted at SUMU and SAEZ. In addition to that, hardware was bought by INEO to perform tests at INEO facility 10/04: INEO engineer sent at Guayaquil for network-wide test	10th-March-2015 20th-March-2015 10th-April-2015 24th April 2015		Still pending the BER test: Noted the new date of 24th April
P3SEGU05024	CLOSED	P	3	Ecuador	SEGU	Guayaquil	4	Prueba Tx switch (7.1.1) no pasó	5 February 2015	After analysis, it appears that the IBUC needs to be updated. To do so, we need to be connected directly to the equipment. INEO requests from ICAO the support from the local FP in order to perform this action.		27/02/2015 => Procedure to be sent by INEO to FP as per item 7.1.1.1 of the ORD (P3SEGU05024) (P3SEGU05024) 09/03/2015 => procedure sent, but power connector must be tightened before proceed with the solution. Power tested in other nodes 09/03/2015 => problem solved according to email from Raul Avellan of 09/03	28 February 2015	28/02/2015	OK solved
P3SEGU05025	ON PROGRESS	P	3	Ecuador	SEGU	Guayaquil	5	Voz IP teleconferencia calidad pésima	5 February 2015	1/ Diagnostic of the current configuration 2/ New configuration to be proposed after analysis 3/ Configuration implmented, to be tested (12/03)		05/03 =>diagnostic still on progress 13/03 => modem configuration changed, test pending. 27/03 => tests achieved with Manaus unsuccessful	10th-March-2015 20th-March-2015 10th-April-2015 24th April 2015		Still pending, we expect the IP telephone will be ready at new date 24th April
P3SEGU05026	solution identified	P	3	Ecuador	SEGU	Guayaquil	6	Falsas alarmas de operación de las interfaces seriales y E1	5 February 2015	1/ Diagnostic of the current configuration of the NMS 2/ New version of the NMS	NMS works in progress	05/03/15 => Problem identified => Implementation of the solution in progress 27/03/2015: testes achieved appears to be a communication instability between NMS and routers, as SSH connection is very sensitive	10th-March-2015 20th-March-2015 10th-April-2015 24th April 2015		OK action on progress but not completed. Noted the new date 24th April
P4SEGU05027	Closed	P	4	Ecuador	SEGU	Guayaquil	7	Pending ATS voice circuit test between Guayaquil and CENAMER	5 February 2015	1/ Analysis of the current configuration 2/ Pending to interconnection between Bogota/Maiquetia and Honduras	resolution pending of the item P1SCEK05021	05/03/2015 Connection tests achieved, phone number assigned to CENAMER. Resolving Speech intelligibility in Bogota/Honduras 27/03: Speech test passed 20/04/2015 => On monitoring	10th-March-2015 20th-March-2015 10th-April-2015 20/ March 2015		OK Solved but not closed the circuit is under observation
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P4SOCA05021	Closed	P	4	French Guiana	SOCA	Cayenne	1	El conector de energía del teléfono IP no funciona	5 February 2015	A solution will be proposed by INEO to the site		05/03/2015: We propose to replace the connector with a different one. The connector was replaced on 17/03/2015. The connector was confirmed working on 17/03/2015 17/03/2015 => closed as per email of 17th of March	10th-March-2015 20th-March-2015 10th-April-2015 17th March 2015	17/03/2015	OK
P4SOCA05022	CLOSED	P	4	French Guiana	SOCA	Cayenne	2	Diagramas circuitales incorrectos (WVG)	5 February 2015	As-built under realization		Closing date received indication of drawings to AIG client 27/03: documents delivered to the end user on 10/04/2015 Proof of delivery to the end user at your disposal	10th-March-2015 20th-March-2015 10th-April-2015 24th April 2015	20/04/2015	Not closed Documents and CD received Pending completion of revision by States 15th May

REDDIG-II - Pending issues															
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P3SOCA05023	CLOSED	P	3	French Guiana	SOCA	Cayenne	3	Dificultad leer la direcciónIP del VVG	5 February 2015	1/ Diagnostic of the current configuration of the NMS 2/ New version of the NMS	NMS works in progress	05/03/15 => Problem identified => Implementation of the solution in progress 12/03/2015 => new NMS aspect observed by O/M (L. Maes email of 20/04/2015) => new NMS aspect installed 20/04/2015 => new NMS aspect installed	18th February 2015 19th March 2015 24th April 2015		Not closed. NMS aspect is not completed yet. No indication about which position (A or B) for IBUs and LNBs Noted new date 24th April
P3SOCA05024	CLOSED	P	3	French Guiana	SOCA	Cayenne	4	Error en la interface LAN no trabaja	5 February 2015	1/ Diagnostic of the current configuration of the NMS 2/ New version of the NMS	NMS works in progress	05/03/15 => Problem identified => Implementation of the solution in progress, to be achieved on 09/03/15	19th February 2015 19th March 2015 20th Marsh 2015	20/03/2015	OK
P3SOCA05025	closed	P	3	French Guiana	SOCA	Cayenne	5	Modem B no va en verde cuando se enciende	5 February 2015	1/ Diagnostic with FP to be performed 2/ If faulty equipment, will open an RMA number to replace the equipment	Analysis in progress with NDSatcom	05/03/2015 NB: Satcom will send us a new software and an upgrade procedure for the modem 27/03: NB: Satcom is still waiting on the new version. Software should be exposed next week 10/04: New version to be deployed next week. SkyNMS 3.25 already installed at Manaus 20/04: Software uploaded, test ok	19th March 2015 20th March 2015 24th April 2015	20/04/2015	OK
P2SOCA05026	solution identified	P	2	French Guiana	SOCA	Cayenne	6	Problema posterior con el circuito AFTN con Manaus	5 February 2015	1/ Check of the Cisco configuration -> Conf. OK 2/ Discussions undergoing with local FP	problem already observed during REDDIG 1 operation	25/02/2015 => Closed as per INEO 20/04/2015 => new configuration sent on 20th April. To be monitored	18th February 2015		Not closed French Guyana reported that the problem was not solved REDDIG I did not have this problem . This is a REDDIGII problem
O1SOCA05027	closed	O	1	French Guiana	SOCA	Cayenne	7	Communication problem with Manaus according to the email from ICAO (17th Feb.)	17 February 2015	OSPF Pb under analysis -> Looking for a technical solution to be implemented	Resolution pending of the Item M1SLP17021	23/02/2015 => New configuration with interfaces 1, 2 and 3 already on all nodes. Under recommendation made by our Cisco expert (CCE) certified 27/02/2015 => New configuration implemented, solution monitoring under validation 05/03/2015 => Improvement of the coding observed but still to be confirmed 12/03/2015: test successful, only SYGC was out due to last mile issue	30th March 2015	12/03/2015	OK
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P3SYGC05021	solved	P	3	Guyana	SYGC	Georgetown	1	No hay indicación de status en uno de los switches en el MAP VIEW	5 February 2015	1/ Diagnostic of the current configuration of the NMS 2/ New version of the NMS	NMS works in progress	05/03/15 => Problem identified => Implementation of the solution in progress, to be achieved on 09/03/15 20/04/2015 => both switches are up	10th March 2015 20th March 2015 10th April 2015 24th April 2015		To be verified Noted new date 24th April
P3SYGC05022	CLOSED	P	3	Guyana	SYGC	Georgetown	2	No se puede hacer setting en las interfaces de voz	5 February 2015	INEO sent an email on the 18th Feb. explaining that modifications on voice interfaces are possible, mainly to change the attenuation or the gain to make the communication better. We sent to the FP a procedure.		18 February 2015	18/02/2015	OK closed	

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O1MHTG12051	CLOSED	O	1	Honduras		Tegucigalpa	1	Solicitud de activación de los servicios (email 12/02/2015)	12 February 2015	Procedure to declare the new station in the network to be done	problem identified and expected resolution for 21/02	20/02/2015 => Solved by INEO (Closed by INEO) 21/04/2015 => On monitoring	25th february 2015		Solved but not closed the circuit is under observation
P4SGAS05021	Closed	P	4	Paraguay	SGAS	Asuncion	1	Alarma sonora de la UPS en modo batería, prácticamente inaudible	5 February 2015	The equipment is working as presented during the FAT. Please precise the issue.			20th-March-2015 20 March 2015		Not closed pending issue
P3SGAS05022	solution identified	P	3	Paraguay	SGAS	Asuncion	2	No se cuenta con el antivirus que se halla especificado en el Documento REDDIG II SDD Scope of Supply Rev. F	5 February 2015	To be provided by INEO		27/03/2015: Antivirus almost identified (two remaining systems)	10th-March-2015 20th-March-2015 10th-April-2015 24th April 2015		Not solved still pending the antivirus
P3SGAS05023	CLOSED	P	3	Paraguay	SGAS	Asuncion	3	El breaker Q5 presenta un falso contacto por lo que deberá ser cambiado	5 February 2015	INEO have contacted his local subcontractor to perform the modification			26 February 2015	26/02/2015	OK Solved
P2SGAS05024	solution identified	P	2	Paraguay	SGAS	Asuncion	4	No se configuro la línea Administrativa IP	5 February 2015			27/02/2015 => As per SDD, this request seems to be out of scope of INEO 06/03/2015 A coordination email was sent to Paraguay for configuration changes in the Cisco. We are pending to that information to keep working on this issue and make tests with Paraguay. 12/03/2015: no news from Paraguay 16/03: configuration sent, pending tests 27/03: test resulted not succesful, but SIP proxy must be the VCS, not the Cisco 10/04: expert contracted and made Cisco configuration changes, and IPBX little changes. Specific test and config changes must be achieved by Paraguayan staff. 20/04: pending new info	10th-March-2015 20th-March-2015 10th-April-2015 24th April 2015		Not solved still pending Noted new date 24th April
P3SGAS05025	solution identified	P	3	Paraguay	SGAS	Asuncion	5	La grafica de representación de los equipos en los nodos en el NMS no ha sido mejorada, tal como se había observado en la FAT	5 February 2015	1/ Diagnostic of the current configuration of the NMS 2/ New version of the NMS	NMS works in progress	05/03/15 => Problem identified => Implementation of the solution in progress 12/03/2015 => new NMS aspect approved by OACI (L.Alejos email of 12/03), to be deployed in all site	10th-March-2015 20th-March-2015 10th-April-2015 24th April 2015		OK on progress almost solved Noted new date 24th April
P3SGAS05026	CLOSED	P	3	Paraguay	SGAS	Asuncion	6	Al realizar la prueba de redundancia del Capítulo 7 Pag. 70/125 de la PSAT, las IBUCs no indican las fallas y no conmutan automáticamente	5 February 2015	After analysis, it appears that the IBUC needs to be updated. To do so, we need to be connected directly to the equipment. INEO requests to ICAO the support from the local FP in order to perform this action.		20/02/2015 => Solved by INEO (Closed by INEO)	28 February 2015	28/02/2015	OK
P3SGAS05027	ON PROGRESS	P	3	Paraguay	SGAS	Asuncion	7	El puerto serial 0/0/0 del router GBB presenta una falla en donde pierde paquetes en Recepción, por lo cual la tarjeta 2-Port Async/Sync Serial WAN Interface Card debe ser reemplazada	5 February 2015	Analysis undergoing -> An RMA will be opened if necessary	waiting for a clear diagnostic from SGAS that it is a hardware problem	17/03: update asked to FP 20/04: update asked	10th-March-2015 20th-March-2015 10th-April-2015 24th April 2015		Still pending the BER test. Noted the new date 24th April

REDDIG-II - Pending issues															
Item Number	STATUS	TYPE O/M	CRITICITY	Country	Node	City		Outstanding issues	Opening date	Action(s) to be performed	COMMENTS	Current update	Expecting closing date	Real closing date	ICAOand States commentaries 23 april 2015
P4SGAS05028	CLOSED	P	4	Paraguay	SGAS	Asuncion	8	Pendiente actualización de los diagramas circuitales	5 February 2015	As-built under realization		Closing date requires finalization of drawings for ALL sites 27/02 documents achieved to be approved (pending ICAO approval) Proof of delivery to the end user at your disposal	15th March 2015 27th March 2015	24/04/2015	Not closed Documents and CD received Pending completion of revision by States 15th May
P2SGAS05029	Closed	P	2	Paraguay	SGAS	Asuncion	9	Perdida de paquetes en la red terrestre LEVEL 3 con Bolivia , Recife (Muy alta), Colombia,French Guyana, Guyana y Uruguay	5 February 2015	Information transmitted to level 3 -> Waiting for the solution proposed and the ECD (Expecting Closing Date)		25/02/2015 => New request represented to level 3 06/03/2015 => individual tests to be performed 27/03/2015 => tests conducted by LE were succesful, except French Guiana. Procedure sent on 27th of March for individual tests.	10th April 2015	LEVEL 3	Not closed On 01 April the test result was OK for Asunción except French Guyana, Suriname and Trinidad & Tobago
O3SGAS110210	CLOSED	O	1	Paraguay	SGAS	Asuncion	10	Communication problems which forced Paraguay to pass services through the Level 3 network (email OACI 11/02)	11 February 2015	1/ Remote analysis of the problem 2/ Expert from INEO to be send on site to point again the antenna	problem Identified as a bad alignment of the antenna. On site technitian for 23/02	25/02/2015 => Solved after intervention of INEO expert on site (Closed as per INEO)	25th February 2015	25/02/2015	OK
P1SPIM05021	Solved	P	1	Peru	SPIM	Lima	1	Circuito AFTN con Manaos y Santiago inoperativos	5 February 2015	Remote Diagnostic under progress	Resolution pending of the item P2SBMN02051	25/02/2015 => Test must be conducted in cooperation with Manaus AFTN center and REDDIG-II technical persons, waiting for their availability. 06/03/2015 Our expert on site is reporting that the circuit is nominally operating. He identified that the issues were already present with REDDIG I. Additional analysis is thus required. 10/04: INEO engineer sent at Guayaquil for network-wide test	19th March 2015 29th March 2015 10th April 2015 24th April 2015		Not solved The REDDIG did not have problem with these AFTN circuits . These are REDDIG II problem The AFTN circuit Lima Manaus and Lima Santiago are working but with intermittent problem
P2SPIM05022	CLOSED	P	2	Peru	SPIM	Lima	2	MODEM 1070 cadena A no operativo	5 February 2015	1/ Spare part installed 2/ Faulty equipment to be collected by INEO for repairation & replacement (Waiting for ICAO instructions) 3/ Spare Modem to be declared in the network		25/02/2015 Solved by INEO => Closed as per INEO	24th February 2015	24/02/2015	OK
P4SPIM05023	CLOSED	P	4	Peru	SPIM	Lima	3	La grafica de representación de los equipos en los nodos en el NMS no ha sido mejorada, tal como se había observado en la FAT	5 February 2015	1/ Diagnostic of the current configuration of the NMS 2/ New version of the NMS	NMS works in progress	03/03/15 => Problem identified => Implementation of the solution in progress 12/03 -> new NMS aspect approved by ICAO (11 March 2015) to be deployed in all sites 20/04 : new NMS aspect installed	19th March 2015 29th March 2015 24th April 2015		Not closed. NMS aspect is not completed yet. No indication about which position (A or B) for IBUs and LNBs
P3SPIM05024	CLOSED	P	3	Peru	SPIM	Lima	4	Falta actualización de los diagramas circuitales	5 February 2015	As-built under realization		Closing date requires finalization of drawings for ALL sites 27/02 documents achieved to be approved (pending ICAO approval) Proof of delivery to the end user at your disposal	15th March 2015 27th March 2015	20/04/2015	Not closed Documents and CD received Pending completion of revision by States 15th May

REDDIG-II - Pending issues															
Item Number	STATUS	TYPE O/M	CRITICITY	Country	Node	City		Outstanding issues	Opening date	Action(s) to be performed	COMMENTS	Current update	Expecting closing date	Real closing date	ICAOand States commentaries 23 april 2015
P2SPIM05025	Closed	P	2	Peru	SPIM	Lima	5	Perdida de paquetes red terrestre Level 3 con Argentina, Manaus, Colombia , Guyana y Venezuela	5 February 2015	Information transmitted to level 3 -> Waiting for the solution proposed and the ECD (Expecting Closing Date)		28/02/2015 => New request transmitted to level 3  08/03/2015 => individual tests to be performed 27/03: tests conducted by LE were successful, except French Guiana. Procedure sent on 27th of March for individual tests.	10th April 2015	LEVEL 3	Not closed On 01 April the test result was OK for Lima except French Guyana, Suriname and Trinidad & Tobago
P2SPIM05026	solution identified	P	2	Peru	SPIM	Lima	6	Numero ATS d no corresponde	5 February 2015	Local intervention of our expert		27/02/2015 => Targetted 02/03/2015 20/04/2015 => no existe numero ATS- D configurado en la REDDIG II en Lima. Asi debe ser el numero que manda la PBX que no corresponde. Necesitamos mas detalles.	4th-March-2015 20th-March-2015 4th-April-2015 24th April 2015		Not solved pending. Noted new date 24th April
P4SPIM05027	CLOSED	P	4	Peru	SPIM	Lima	7	Pruebas cadena A satelital no realizadas por falla del MODEM cadena A	5 February 2015			25/02/2015 Solved by INEO => Closed as per INEO	24th February 2015		Not closed Peru reported that tests were not made
P4SPIM05028	solution identified	P	4	Peru	SPIM	Lima	8	Prueba BER no realizada	5 February 2015	During the PSAT, it appears that this test was not the priority. Now, it's difficult to perform it because it means that States will have to cut the services. If requested by ICAO, it could be done during the ORD period with the local FP and INEO coordination		27/02/2015 => INEO technician will conduct the test on site, on 30/03/15 06/03/15 => As talked during teleconference, the test requires to shutdown the whole satellite network. Need to confirm and coordinate it. 12/03/2015: Procedure sent	4th-March-2015 20th-March-2015 4th-April-2015 24th April 2015		No completed pending issues
P4SPIM05029	CLOSED	P	4	Peru	SPIM	Lima	9	Pendiente pruebas fallas de equipos (Sección 7.3)	5 February 2015	During the PSAT, it appears that this test was already performed. It could be easily checked, and upon request by ICAO, it could be done during the ORD period with the local FP and INEO remote coordination			25th February 2015		OK
P3SPIM050210	CLOSED	P	3	Peru	SPIM	Lima	10	Errores plan de discado circuitos administrativos	5 February 2015	Local intervention of our expert		27/02/2015 => Targetted 02/03/2015 08/03/2015 => New configuration was sent to CORPAO on March 06th pending to be implemented and tested 27/03/2015 => configuration sent to network. Pending confirmation 19/04/2015 => configuration not working properly 27/03/2015 => closed as per email of 19/03	4th-March-2015 20th-March-2015 20th March 2015		Not closed as per email 21/4
P3SPIM050211	ON PROGRESS	P	3	Peru	SPIM	Lima	11	Calidad voz IP teleconferencia no satisfactoria	5 February 2015	1/ Diagnostic of the current configuration 2/ New configuration to be proposed after analysis 3/ Configuration implmented, to be tested (12/03)		05/03 : diagnostic still on progress 13/03: modem configuration changed, test pending. 27/03: tests achieved with Manaus unsuccessful	4th-March-2015 20th-March-2015 4th-April-2015 24th April 2015		Noted the new date 24th April

REDDIG-II - Pending issues															
Item Number	STATUS	TYPE O/M	CRITICITY	Country	Node	City		Outstanding issues	Opening date	Action(s) to be performed	COMMENTS	Current update	Expecting closing date	Real closing date	ICAOand States commentaries 23 april 2015
O2SPIM120212	solved	O	2	Peru	SPIM	Lima	12	anomalía que está presentándose en la comunicación AFTN de Santiago hacia Lima y Ezeiza (email OACI 12/02)	12 February 2015	OSPF Pb under analysis -> Looking for a technical solution to be implemented	Resolution pending of the item P2SBMN02051	25/02/2015 => New configuration will be tested by Level3 as of today, on all nodes, under recommendation made by our Cisco expert (CCIE certified) 27/02/2015 => New configuration implemented, solution monitoring under validation 05/03/2015 => Improvement of the routing observed, but still to be confirmed 10/04/2015 => INEO engineer sent at Guayaquil for network-wide test	10th March 2015 20th March 2015 40th April 2015 24th April 2015		Not solved yet still pending. Noted new date 24th April
P3SMPM05021	Closed	P	3	Suriname	SMPM	Paramaribo	1	Presenta pérdidas de paquetes en la red terrestre LEVEL 3 con Argentina, Manaus , Recife (muy alta), Chile, Colombia, Ecuador, Guyana y Uruguay	5 February 2015	Information transmitted to level 3 -> Waiting for the solution proposed and the ECD (Expecting Closing Date)		25/02/2015 => New request retransmitted to Level 3  05/03/2015 => Individual tests to be performed 27/03: tests conducted by LE were successful, except French Guiana. Procedure sent on 27th of March for individual tests.	10th April 2015	LEVEL 3	Not closed. On 01 April the test result was NOT OK for French Guyana, Suriname and Trinidad & Tobago
P4SMPM05022	solution identified	P	4	Suriname	SMPM	Paramaribo	2	Pendiente pruebas BER	5 February 2015	During the PSAT, it appears that this test was not the priority. Now, it's difficult to perform it because it means that States will have to cut the services. If requested by ICAO, it could be done during the ORD period with the local FP and INEO coordination		27/02/2015 => INEO technician will conduct the test on site, on 30/03/15 06/03/15 => As talked during teleconference, the test requires to shutdown the whole satellite network. Need to confirm and coordinate it. 12/03/2015: Procedure sent	40th March 2015 20th March 2015 40th April 2015 24th April 2015		Pending issue not solved
P3SMPM05023	solution identified	P	3	Suriname	SMPM	Paramaribo	3	Teleconferencia IP solo con diez usuarios	5 February 2015	1/ Diagnostic of the current licence 2/ New 16 users licences to be provided after analysis		05/03/2015 => Hardware limitation found, solution to be provided. Will be codec change or hardware addition 21/04/2015 => DSP to be installed in Cisco SBMN & SAEZ	40th April 2015 15th May 2015		Still pending, we expect the IP telephone will be ready at new date 24th April
P3TTZP05021	CLOSED	P	3	Trinidad & Tobago	TTZP	Piarco	1	NMS: refresco cambios de estados muy lento	5 February 2015	1/ Diagnostic of the current configuration of the NMS 2/ New version of the NMS	NMS works in progress	05/03/2015 => In local NMS it seems correct version. For the client (NMS) it is not possible to improve due to obsolete code. 21/04/2015 => INEO advise: Restart Firefox once per month to clean internal processes to improve velocity	40th February 2015 6th March 2015	06/03/2015	Not closed. Solution to be verified
P4TTZP05022	CLOSED	P	4	Trinidad & Tobago	TTZP	Piarco	2	Calidad de la imagen no mejorada aspecto pendiente desde la FAT	5 February 2015	1/ Diagnostic of the current configuration of the NMS 2/ New version of the NMS	NMS works in progress	05/03/15 => Problem identified => Implementation of the solution in progress 12/03 => new NMS aspect approved by OACI (L Alejos email of 12/03), to be deployed in all site	40th March 2015 20th March 2015 40th April 2015 24th April 2015		Not closed. NMS aspect is not completed yet. No indication about which position (A or B) for IBUs and LNBs
P3TTZP05023	solution identified	P	3	Trinidad & Tobago	TTZP	Piarco	3	Teleconferencia IP solamente trabaja con 11 usuarios no cumple con las especificaciones técnicas de la REDDIG	5 February 2015	1/ Diagnostic of the current licence 2/ New 16 users licences to be provided after analysis		05/03/2015 => Hardware limitation found, solution to be provided. Will be codec change or hardware addition 21/04/2015 => DSP to be installed in Cisco SBMN & SAEZ	40th March 2015 20th March 2015 40th April 2015 24th April 2015 15th May 2015		Still pending the IP telephone . Noted the new date 15th May



REDDIG-II - Pending issues															
Item Number	STATUS	TYPE O/M	CRITICITY	Country	Node	City		Outstanding issues	Opening date	Action(s) to be performed	COMMENTS	Current update	Expecting closing date	Real closing date	ICAO and States commentaries 23 april 2015
P2TTZP05024	CLOSED	P	2	Trinidad & Tobago	TTZP	Piarco	4	No hay conmutación automática en el IBUC en caso de falla solamente conmuta cuando se apaga la energía	5 February 2015	After analysis, it appears that the IBUC needs to be updated. To do so, we need to be connected directly to the equipment. INEO requests to ICAO the support from the local FP in order to perform this action.		28/02/2015 => New IBUC firmware successfully installed => Switching problem solved => Solved as per INEO	28 February 2015	28/02/2015	OK solved
P2TTZP05025	closed	P	2	Trinidad & Tobago	TTZP	Piarco	5	Perdida de paquetes en la red terrestre LEVEL 3 con Curitiba y Ecuador.	5 February 2015	Information transmitted to level 3 -> Waiting for the solution proposed and the ECD (Expecting Closing Date)		28/02/2015 => New request retransmission to level 3  08/03/2015 => network level 3 was performed 27/03/2015: network installed for 15 days successful -> network moved to online. Preparation for 27th of March for 2nd test 20/04: closed as per email 08/04 :RE: REDDIG II - #P2SPIM05025 y #O2SPIM120212 - enrutamiento por LEVEL 3 by Teodoro Chavez.	24th April 2015	LEVEL 3	Not closed. On 01 April the test result was NOT OK for French Guyana, Suriname and Trinidad & Tobago
O2TTZP18026	closed	O	2	Trinidad & Tobago	TTZP	Piarco	6	Communication problem with Paramaribo and Manaus according to the email from ICAO (18th Feb.)	18 February 2015	OSPFPb under analysis -> Looking for a technical solution to be implemented	Resolution pending of the item P2SBMN02051	28/02/2015 => New configuration was installed by Level 3 as of today, and no issues under recommendation under review. Check report (GSE installed) 27/02/2015 => New configuration implemented, solution monitoring under realization 05/03/2015 => Improvement of the online reservation successful in test configuration 21/04/2015 => New Skywan firmware installed => System on monitoring	21st April 2015		OK
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P4SUMU05021	CLOSED	P	4	Uruguay	SUMU	Montevideo	1	Falta actualización los planos con los diagramas circuitales	5 February 2015	As-built under realization		Closing date includes finalization of drawings for ALL sites 27/03: documents delivered to the shipper on Monday 20th March 2015 Proof of delivery to the end user at your disposal	15th March 2015 20th March 2015	20th April 2015	Not closed Documents and CD received Pending completion of revision by States 15th May
P4SUMU05022	ON PROGRESS	P	4	Uruguay	SUMU	Montevideo	2	Unidad 1070 cadena B no enciende luz verde aun cuando opera bien	5 February 2015	We opened an RMA number. INEO will replace the equipment.		06/03/2015 => shipment of faulty unit towards NDSatCom pending			No action made solution required
P3SUMU05023	CLOSED	P	3	Uruguay	SUMU	Montevideo	3	Falta cambiar Feed Horn	5 February 2015			05/02/2015 => New Feed Horn and antenna was purchased and installed 24/02/2015 => New feed horn installed and antenna working fine	24 March 2015	24/03/2015	OK Closed
P3SUMU05024	CLOSED	P	3	Uruguay	SUMU	Montevideo	4	NMS: refresco cambios de estados muy lento	5 February 2015	1/ Diagnostic of the current configuration of the NMS 2/ New version of the NMS	NMS works in progress	05/02/2015 => NMS it seems solved (tested). For the distant NMS it is not possible to improve it due to satellite link 21/04/2015 => INEO advise: Restart Firefox once per month to clean internal processes to improve velocity	06th March 2015	06/03/2015	Not closed. Solution to be verified

REDDIG-II - Pending issues																
Item Number	STATUS	TYPE O/M	CRITICITY	Country	Node	City		Outstanding issues	Opening date	Action(s) to be performed	COMMENTS	Current update	Expecting closing date	Real closing date	ICAOand States commentaries 23 april 2015	
P4SUMU05025	solution identified	P	4	Uruguay	SUMU	Montevideo	5	Calidad de la imagen no mejorada aspecto pendiente desde la FAT	5 February 2015	1/ Diagnostic of the current configuration of the NMS 2/ New version of the NMS	NMS works in progress	05/03/15 => Problem identified => Implementation of the solution in progress 12/03/2015 => new NMS aspect approved by OACI (L.Alejos email of 12/03), to be deployed in all site	10th-March-2015 20th-March-2015 10th-April-2015 24th April 2015		Not closed. NMS aspect is not completed yet. No indication about which position (A or B) for IBUs and LNBs Noted new date 24th April	
P3SUMU05026	solution identified	P	3	Uruguay	SUMU	Montevideo	6	Falta instalar antivirus en el NMS	5 February 2015	To be provided by INEO		27/03/2015: Antivirus almost identified (two remaining systems)	10th-March-2015 20th-March-2015 10th-April-2015 24th April 2015		Pending issues still waiting antivirus in all the nodes not only Montevideo Noted new date 24th April	
P3SUMU05027	solution identified	P	3	Uruguay	SUMU	Montevideo	7	El NMS presenta información incorrecta	5 February 2015	1/ Diagnostic of the current configuration of the NMS 2/ New version of the NMS	NMS works in progress	05/03/15 => Problem identified => Implementation of the solution in progress, to be achieved on 09/03/15	10th-March-2015 20th-March-2015 10th-April-2015 24th April 2015		Still pending solution almost ready. Noted new date 24th April	
P4SUMU05028	solution identified	P	4	Uruguay	SUMU	Montevideo	8	Pendiente pruebas BER	5 February 2015	During the PSAT, it appears that this test was not the priority. Now, it's difficult to perform it because it means that States will have to cut the services. If requested by ICAO, it could be done during the ORD period with the local FP and INEO coordination		27/02/2015 => INEO technician will conduct the test on site, on 30/03/15 06/03/15 => As talked during teleconference, the test requires to shutdown the whole satellite network. Need to confirm and coordinate it. 12/03/2015: Procedure sent	10th-March-2015 20th-March-2015 10th-April-2015 24th April 2015		Pending BER Test.	
P4SUMU05029	solution identified	P	4	Uruguay	SUMU	Montevideo	9	La versión entregada de software para la VPN remota no es acorde al manual enviado para su instalación, no pudiendo instalarse según lo sugerido por INEO.	5 February 2015	An amendment to the User Manual will be sent to all the Reddig II Members by email.		17/03: new procedure sent, same as for SAEZ and SBMN	10th-March-2015 20th-March-2015 10th-April-2015 24th April 2015		Not solved. Configuration must to be done by INEO	
P3SUMU050210	Closed	P	3	Uruguay	SUMU	Montevideo	10	Perdidas de paquetes en la red terrestre LEVEL 3 con Bolivia, French Guyana, Surinam, Trinidad &Tobago y Venezuela.	5 February 2015	Information transmitted to level 3 -> Waiting for the solution proposed and the ECD (Expecting Closing Date)		20/02/2015 => New network configuration to level 3 20/03/2015 27/03: tests conducted by LE were successful, except French Guiana. Procedure sent on 27th of March for individual tests.	10th April 2015	LEVEL 3	On 01 April the test result was OK for Montevideo except French Guyana, Suriname and Trinidad & Tobago	
-			1	Uruguay	SUMU	Montevideo	11	Async circuit for radar data from SAEZ does not work since initial installation								Pending issue not solved
P2SVIM05021	CLOSED	P	2	Venezuela	SVIM	Maiquetia	1	No se observa el switcheo automatico en el RSS	5 February 2015	We have contacted our site manager, and apparently it was the automatic switching of the RSS from B to A. It's normal that it's doesn't work because it's only possible manually. Please confirm that it's issue can be SOLVED		25/02/2015 Solved by INEO => Closed as per INEO	18 February 2015	18/02/2015	OK closed	

REDDIG-II - Pending issues															
Item Number	STATUS	TYPE O/M	CRITICITY	Country	Node	City		Outstanding issues	Opening date	Action(s) to be performed	COMMENTS	Current update	Expecting closing date	Real closing date	ICAOand States commentaries 23 april 2015
O1SVIM18022	CLOSED	O	1	Venezuela	SVIM	Maiquetia	2	Communication problem with Georgetown, Paramaribo, and Manaus according to email of the 18th Feb.	18 February 2015	OSPF Pb under analysis -> Looking for a technical solution to be implemented	Resolution pending of the item P2SBMN02051	23/02/2015 => New configuration will be tested by 1st Feb 2015, and a test will be implemented in the field by 1st Feb 2015 (OIE certified). 21/02/2015 => New configuration implemented, solution monitoring. 23/02/2015 => Implementation of the testing phase will be done by 23/02/2015. 27/02/2015 => Test started in BP. 27/02/2015 => No more updates as for. 21/04/2015 => New Skywan firmware installed => System on monitoring	27 March 2015		OK System on monitoring
O1SVIM25023	CLOSED	O	1	Venezuela	SVIM	Maiquetia	3	All the AFTN communication out of service	24 February 2015	Problem occured due to other equipment		23/02/2015 => Waiting for resolution of the communication configuration. 23/02/2015 => Configuration of the network. 23/02/2015 => Configuration. 21/04/2015 => New Skywan firmware installed => System on monitoring	27th April 2015 21st April 2015		OK Closing date
#GBB_tests	On Progress	O		Multiple sites	Multiple sites	Multiple sites	1	Issues experimented in GBB dedicated communication	02/04/2015	Individual configuration checks and tests.			24 April 2015		On 01 April the test result was NOT OK for French Guyana, Surinam and Trinidad & Tobago
Legend colour	Pending														
Legend colour	On Progress	The colour of this line is automatically updated according the status, except the last colomn which always remains as initially colored by the customer.													Customer initial color
Legend colour	Solved	The colour of this line is automatically updated according the status, except the last colomn which always remains as initially colored by the customer.													Customer initial color
Legend colour	Solution identified	The colour of this line is automatically updated according the status, except the last colomn which always remains as initially colored by the customer.													Customer initial color
Legend colour	Closed	The colour of this line is automatically updated according the status, except the last colomn which always remains as initially colored by the customer.													Customer initial color